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KINETICS OF N-BUTANE DEHYDROGENATION.
[196] [11]p. 5 refs.
Order from OTS or SLA $1.60 62-10436

Trans. of Zhur[nal] Fiz[icheskoi] Khim[ii] (USSR) 1954, v. 28, p. 1272-1279.

DESCRIPTORS: *Butanes, Dehydrogenation, Reaction kinetics, *Butenes, Production, Aluminum compounds, Oxides, Chromium, Catalysts, Catalysis.

Butylene inhibits the reaction of butane dehydrogenation on chromia-alumina catalyst, in the interval of 460-500 C and of partial pressures of the butane 0.1-1 atm. The kinetics of the dehydrogenation reaction is described by the equation $w = kc_1/c_2^{0.5}$.

The apparent activation energy is 40,000 ± 1,000 cal/mole. (Author)
(Chemistry--Physical, TT, v. 7, no. 10)

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II. Merilainen, S. K.
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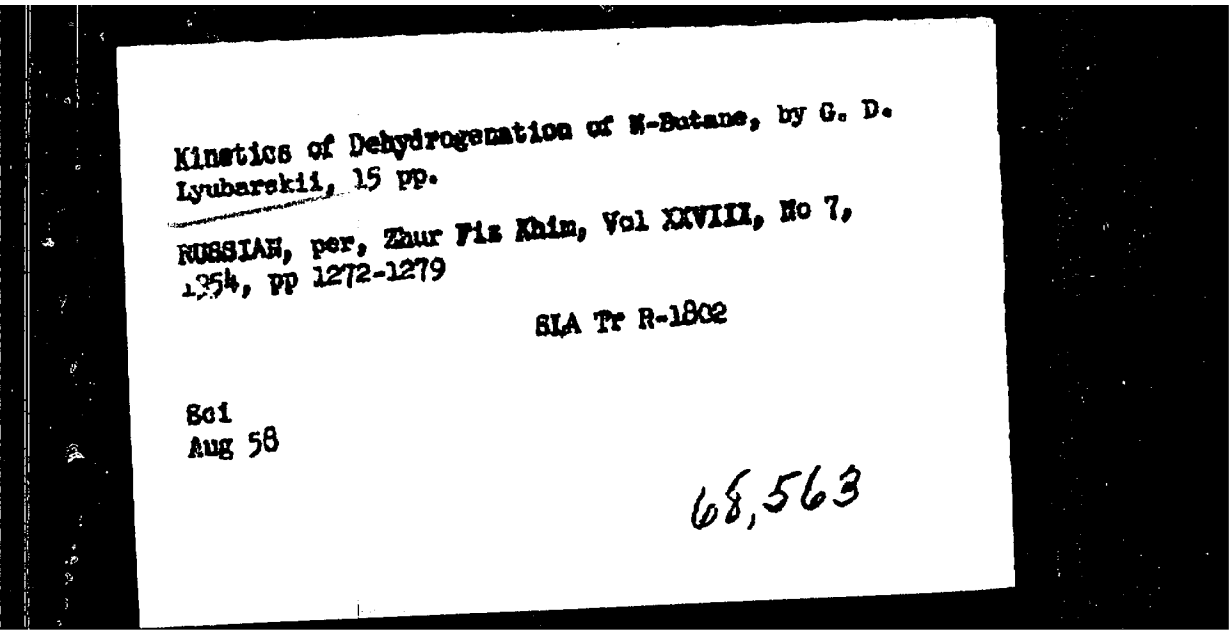

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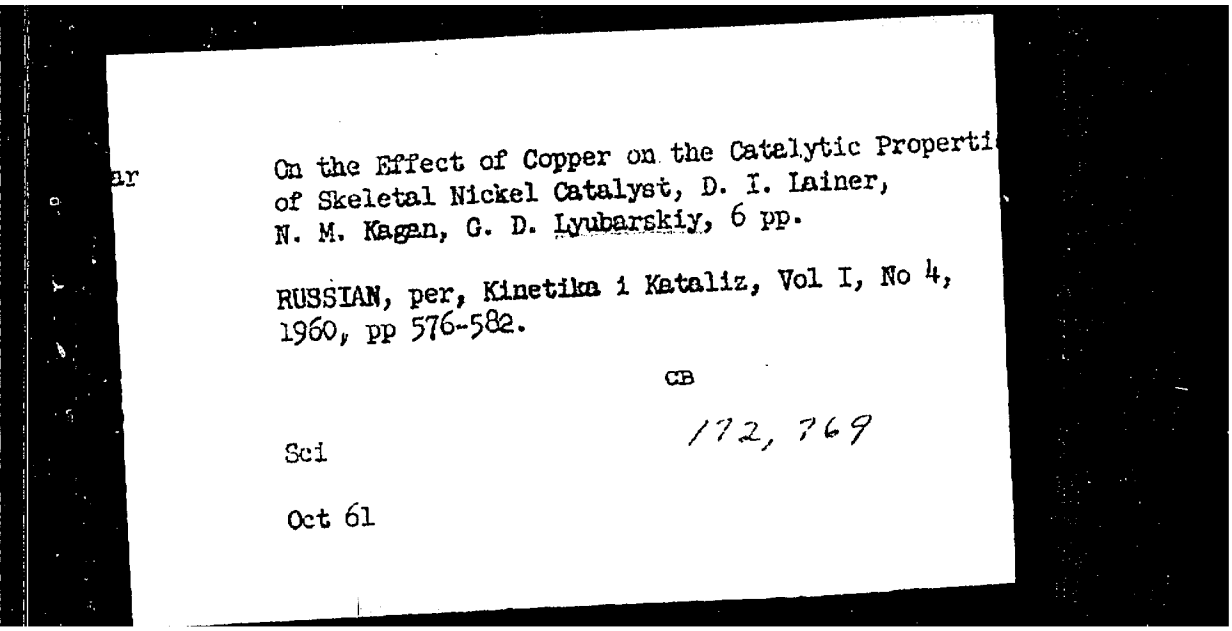

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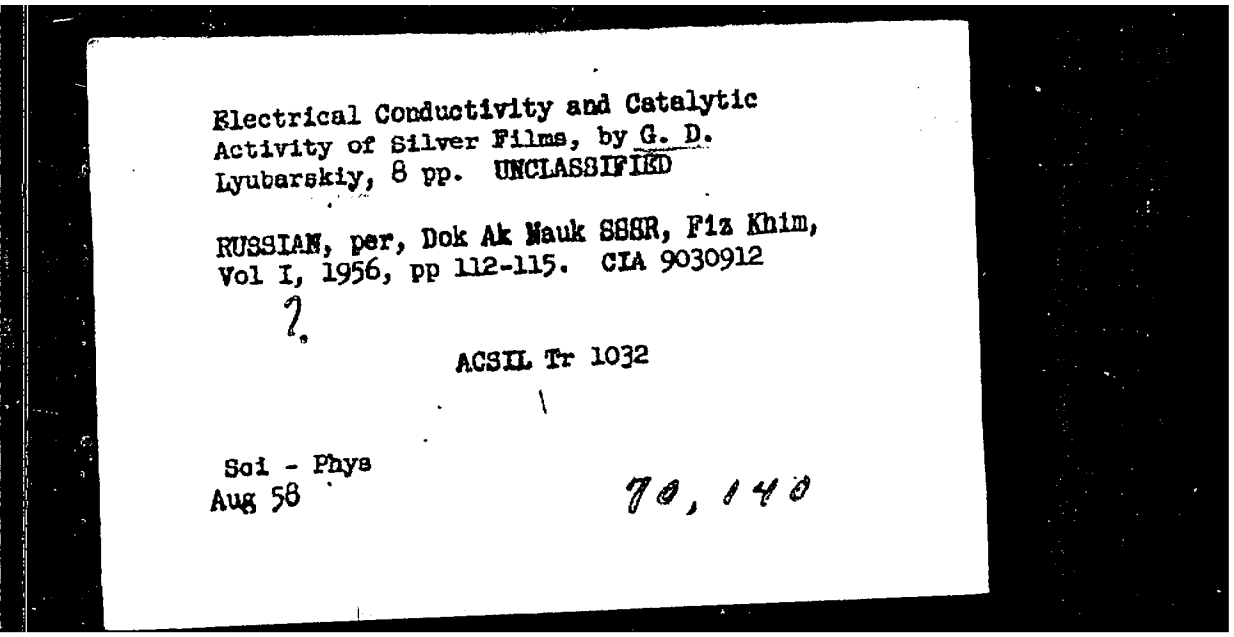

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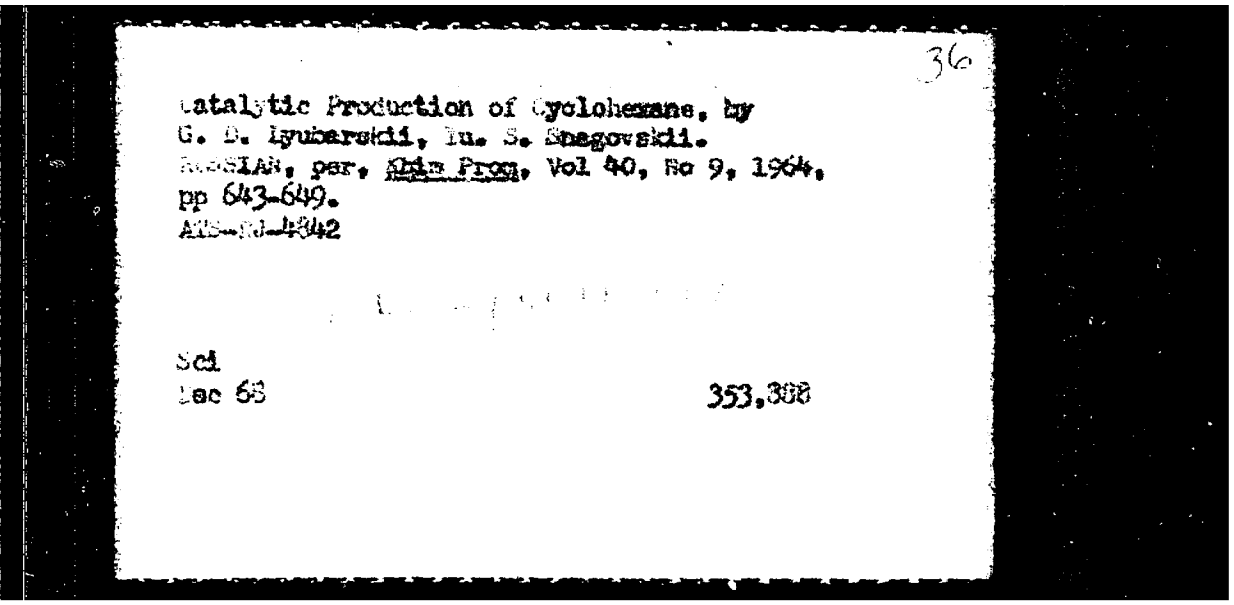

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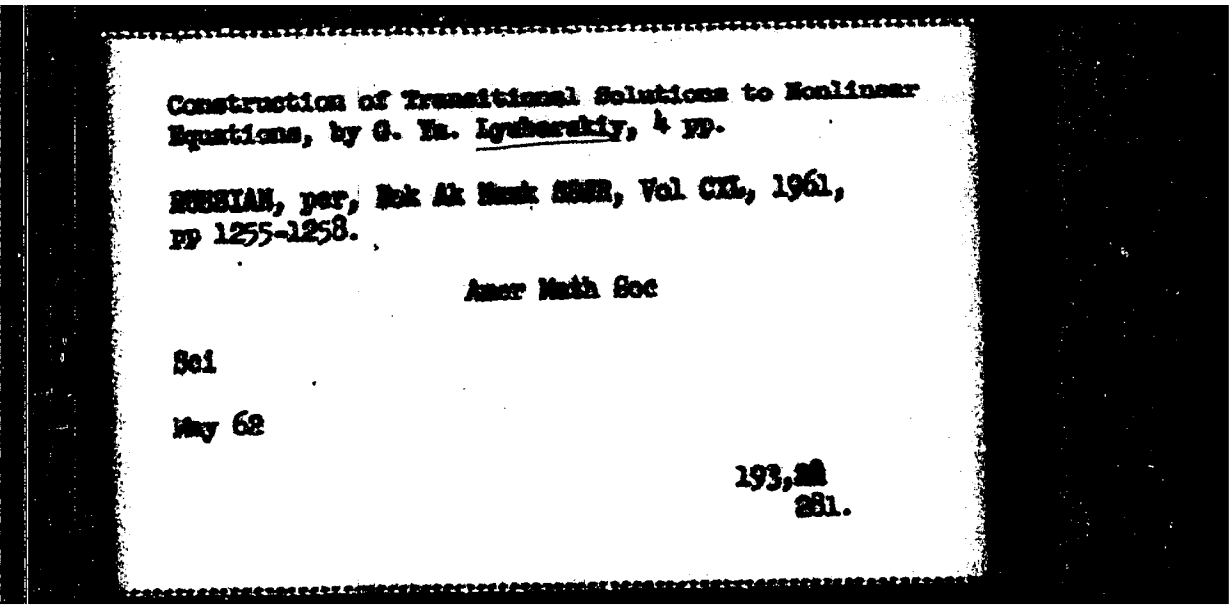

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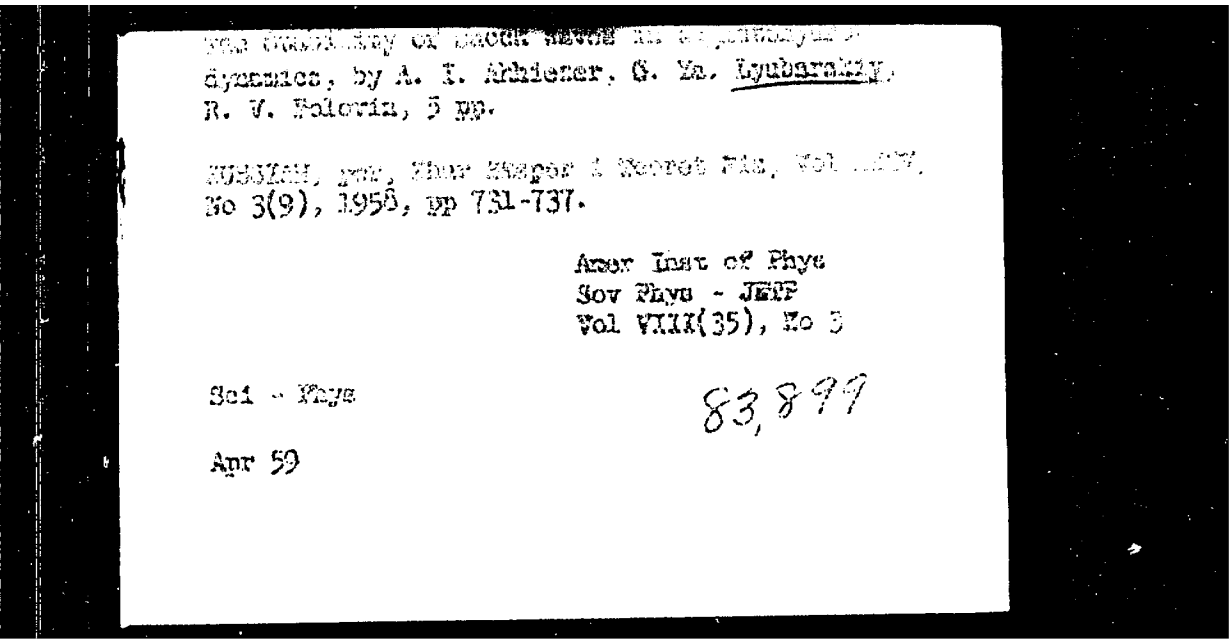

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DESCRIPTORS: *Meteors, Periodic variations, Distribution, Acoustic properties, Electromagnetic properties, Physical properties, Tables, *Statistical analysis.

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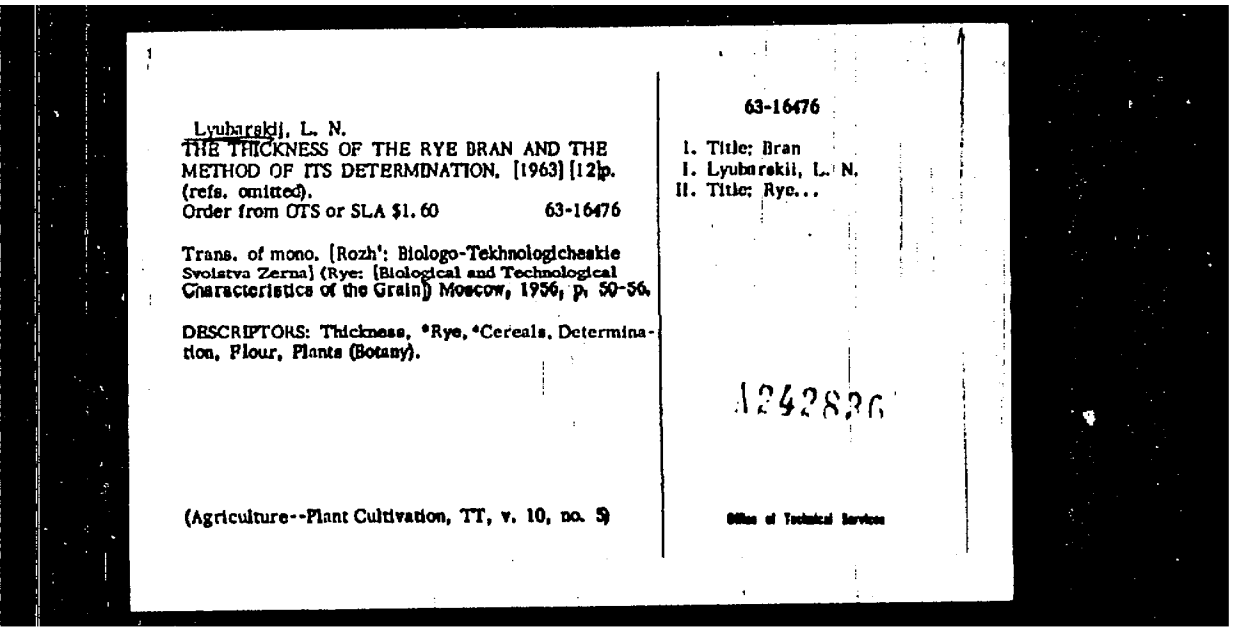

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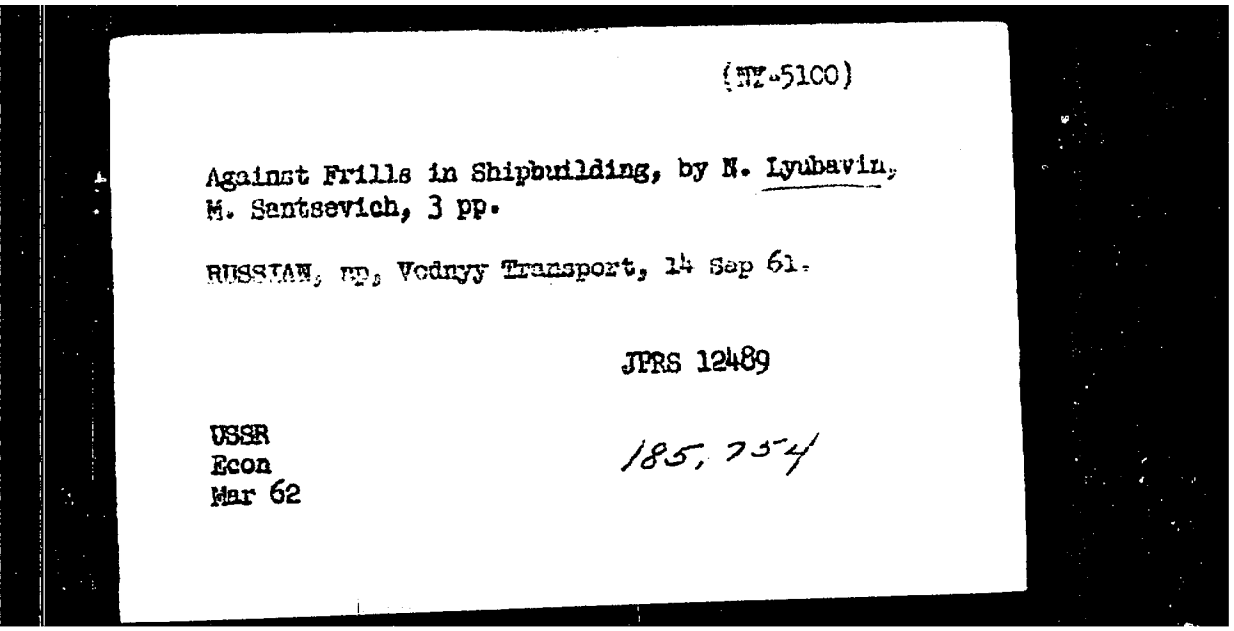

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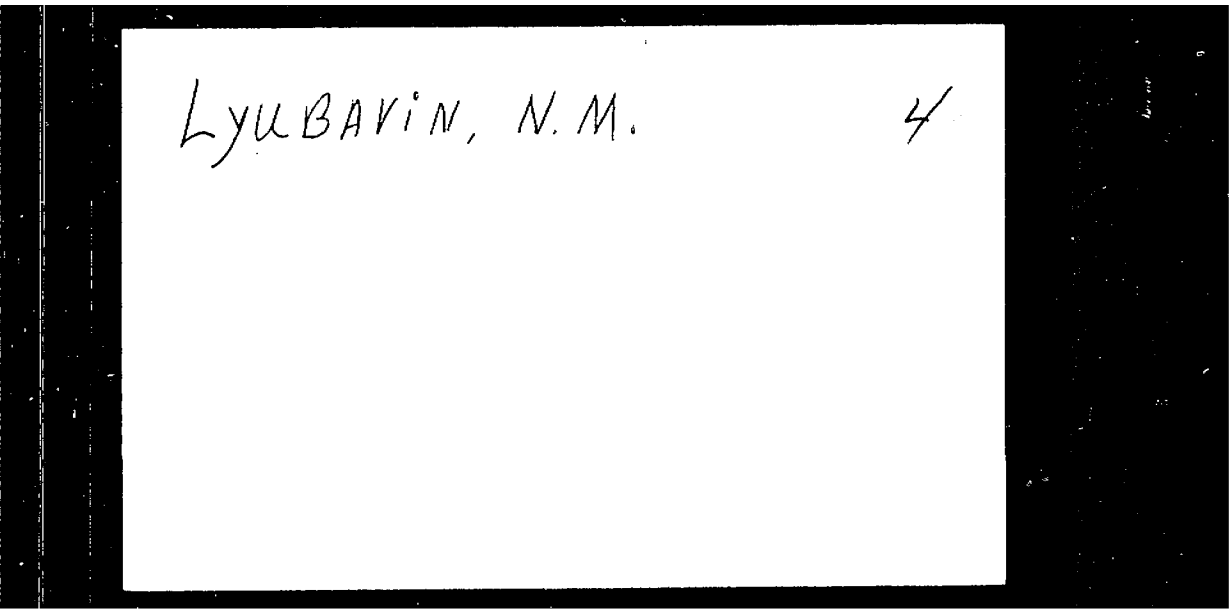

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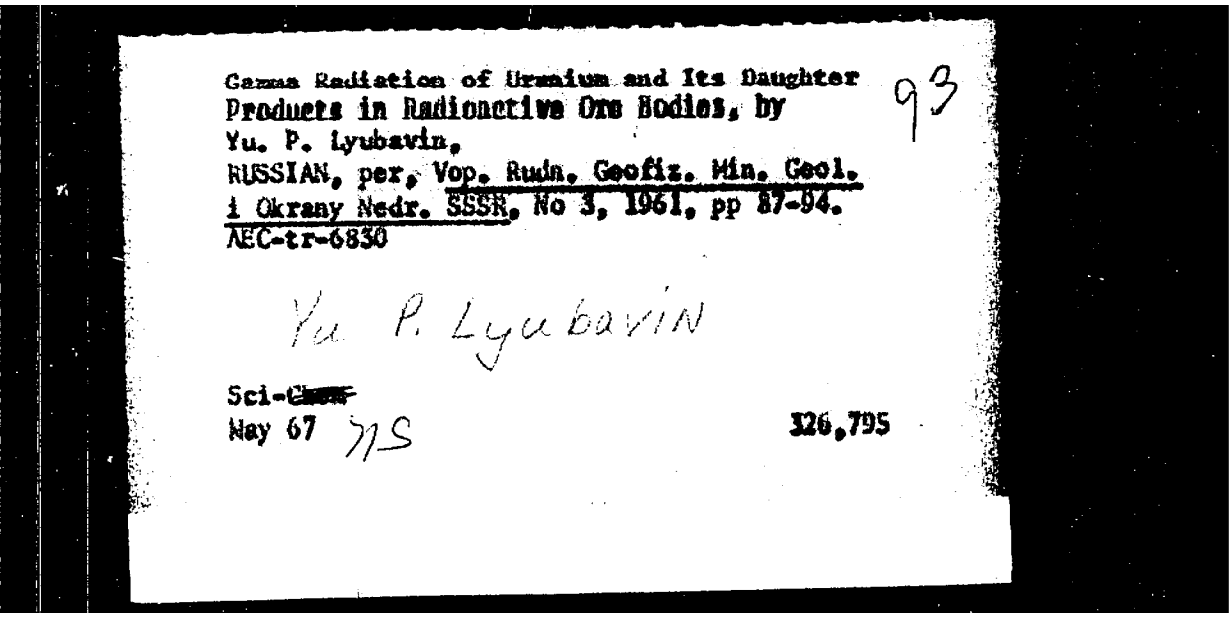

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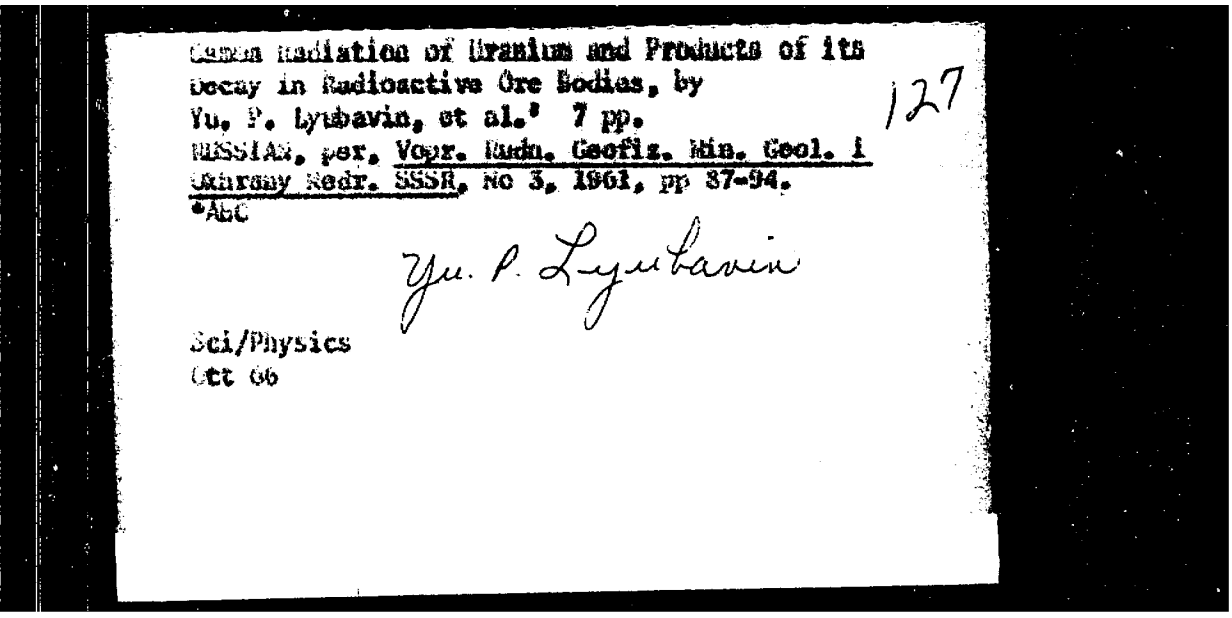

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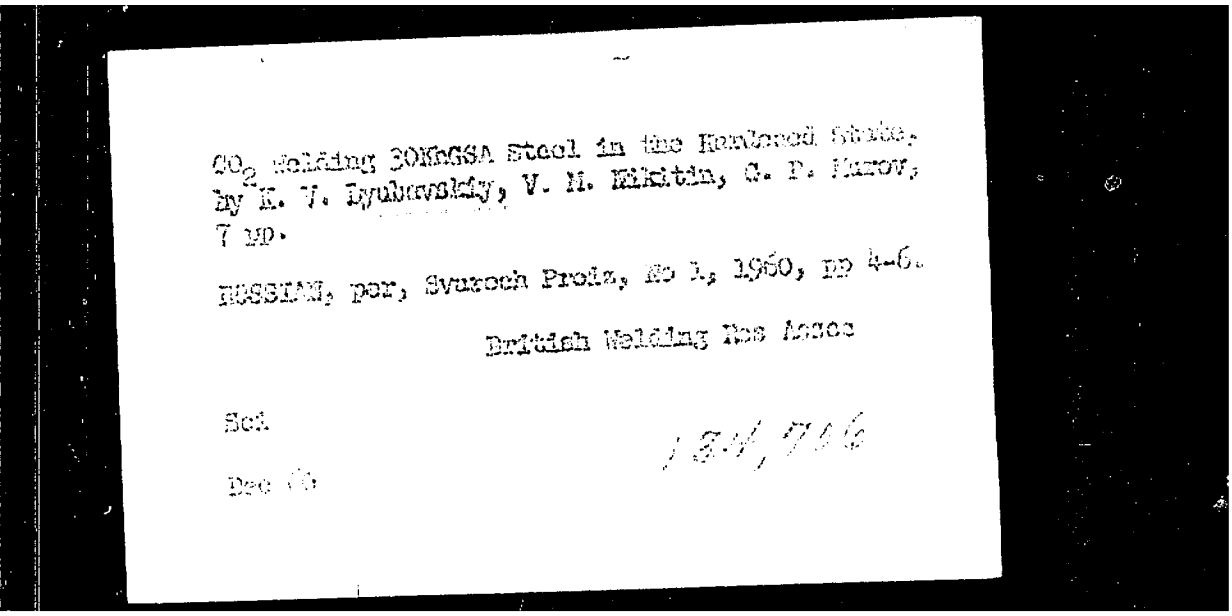

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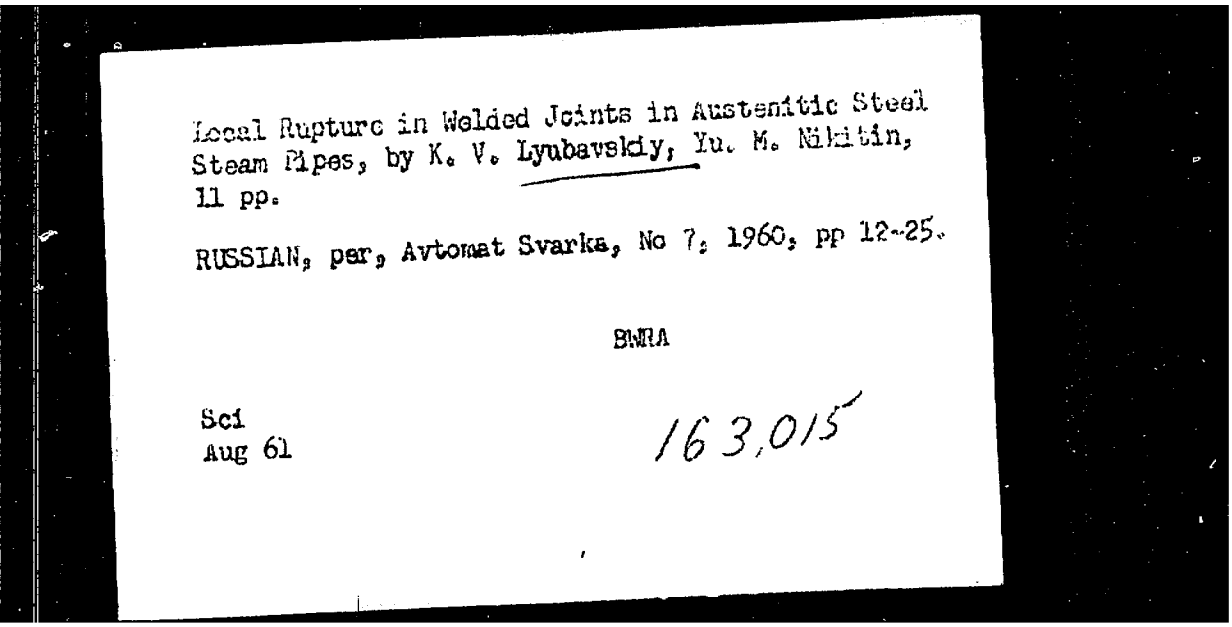

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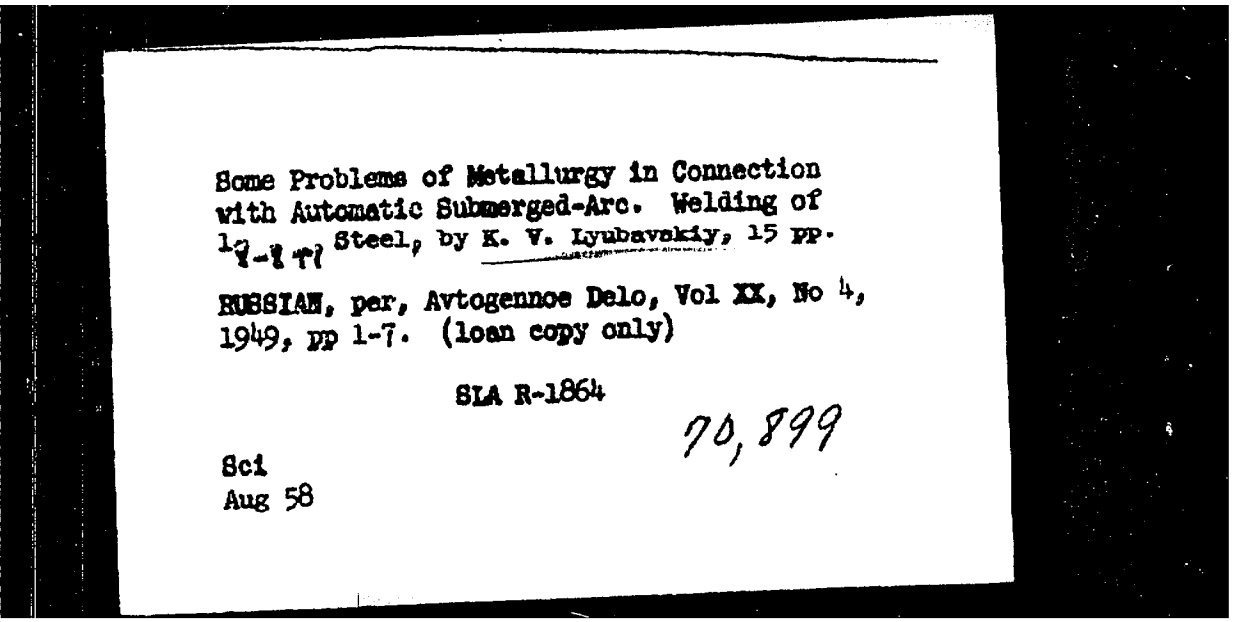

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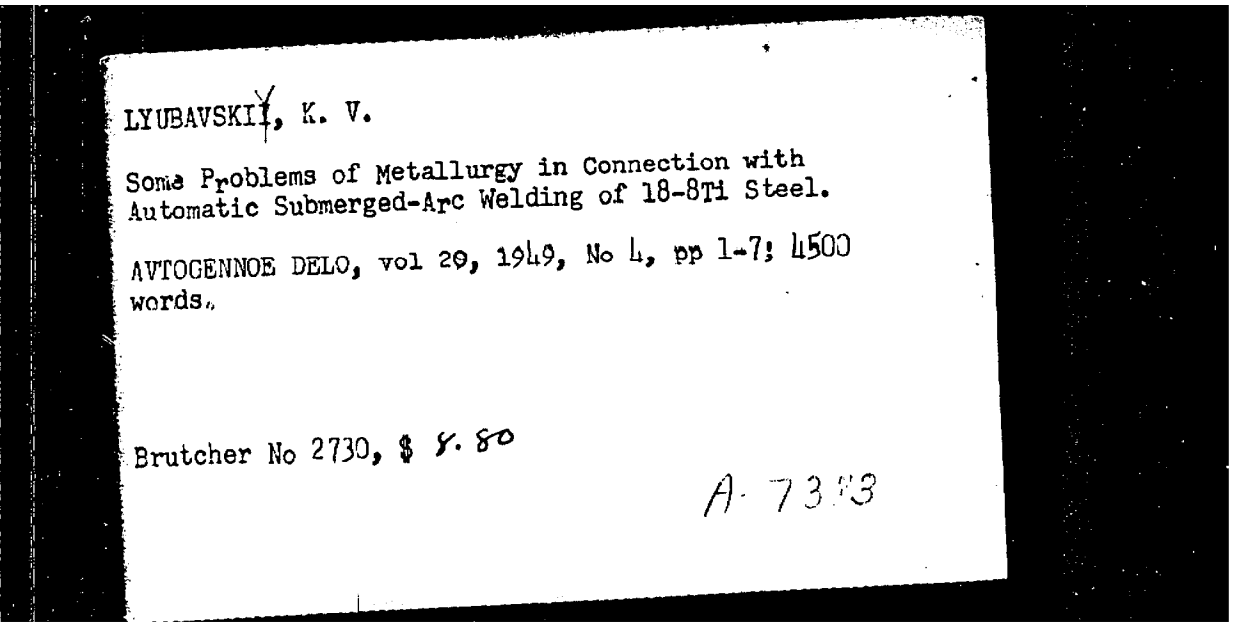

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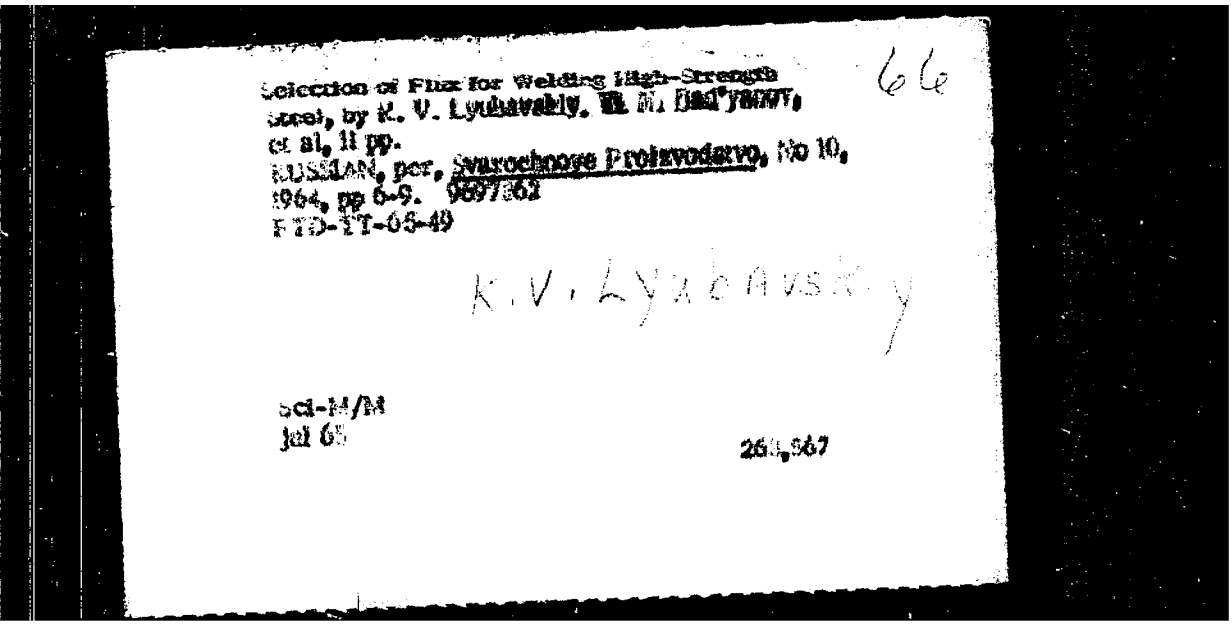

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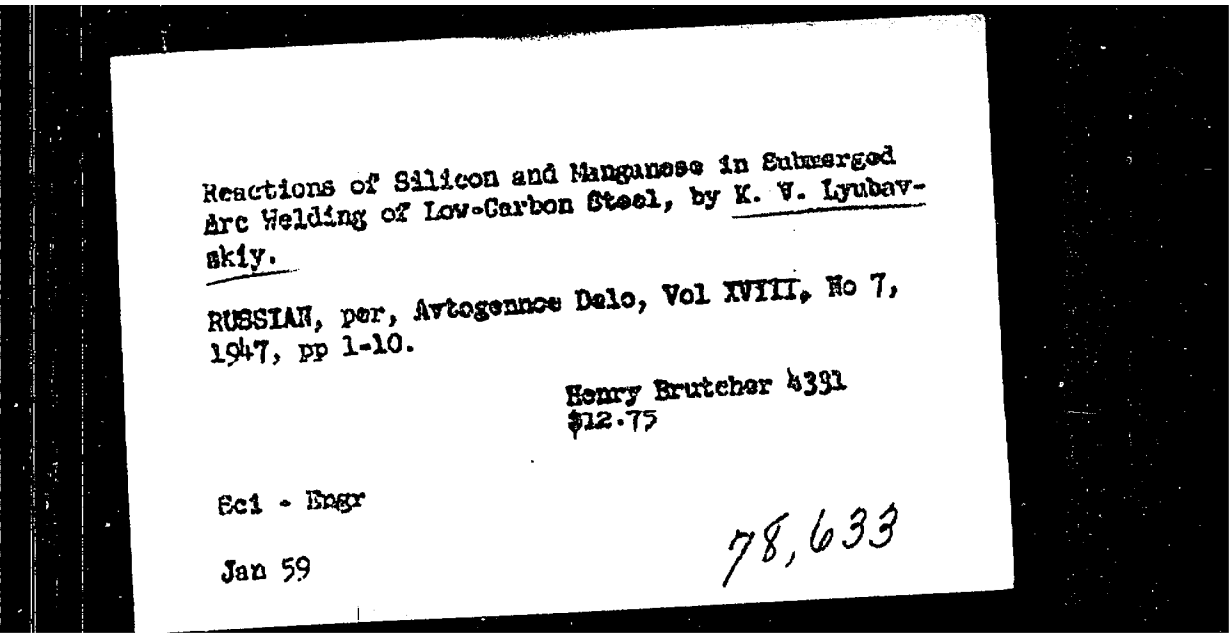

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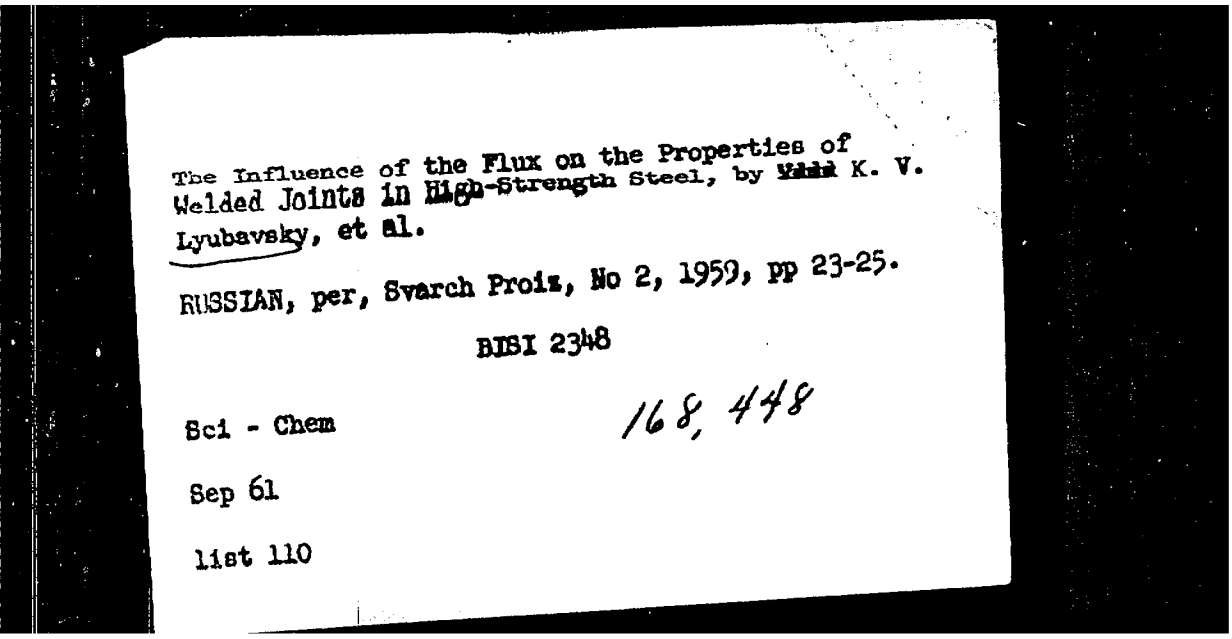

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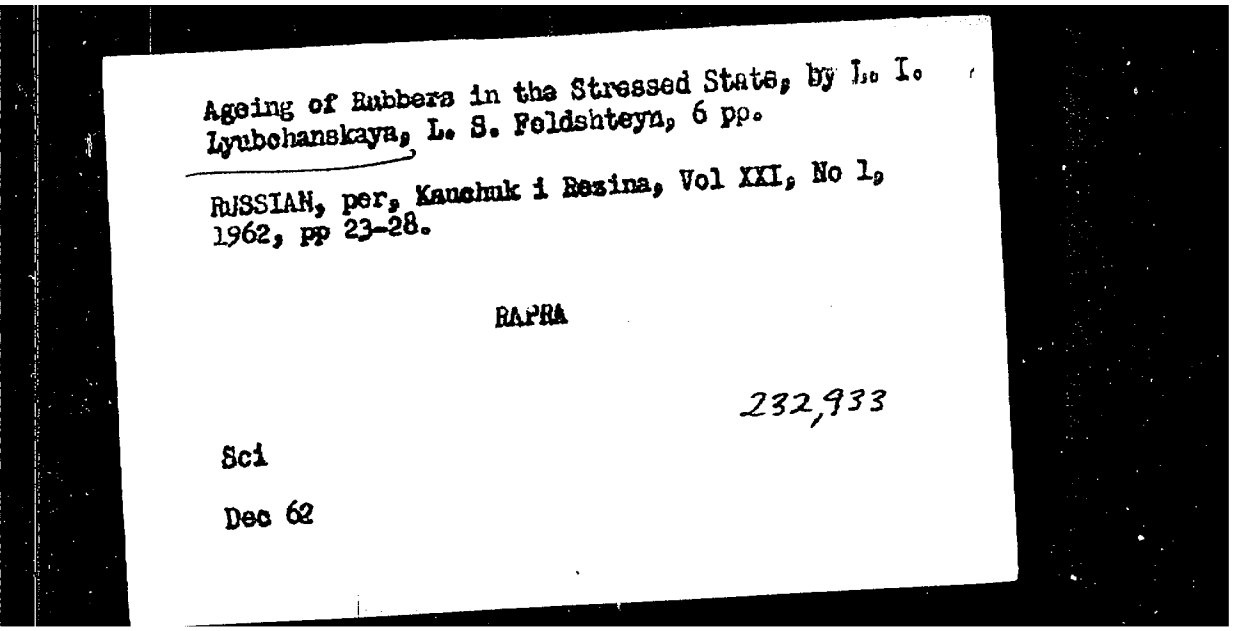

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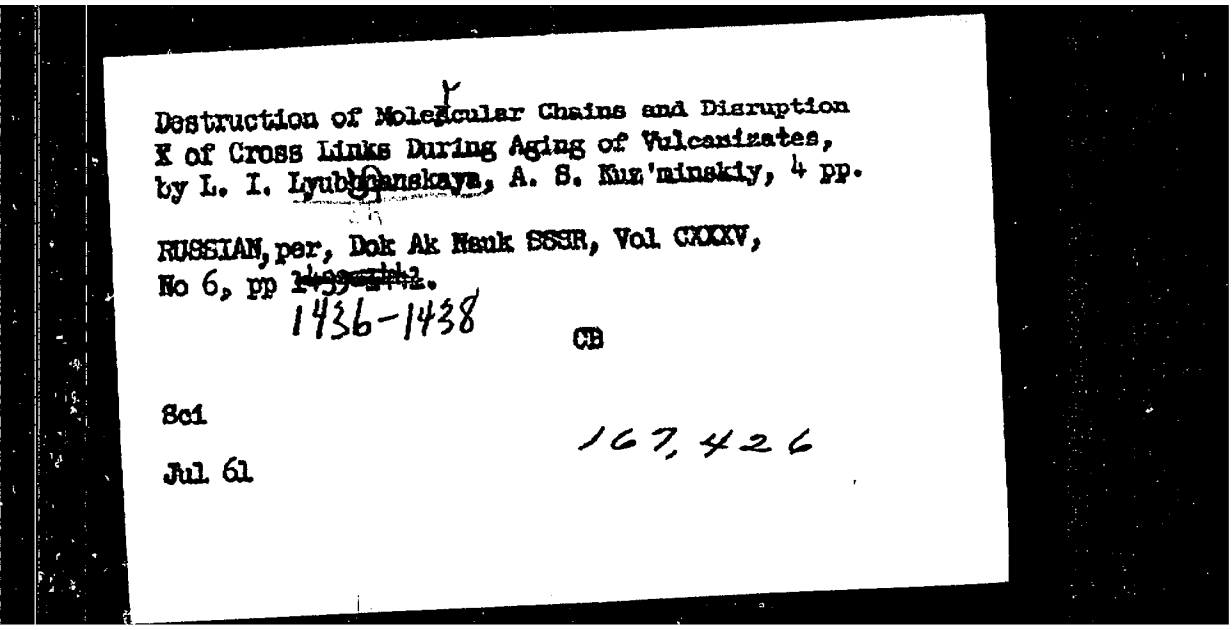

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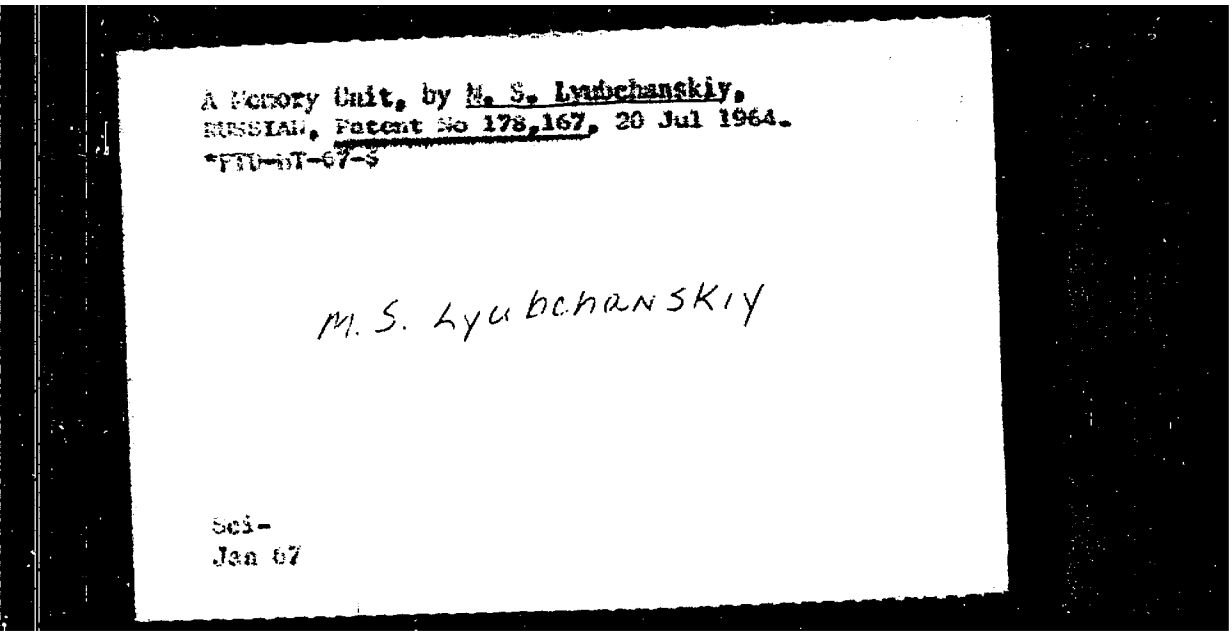

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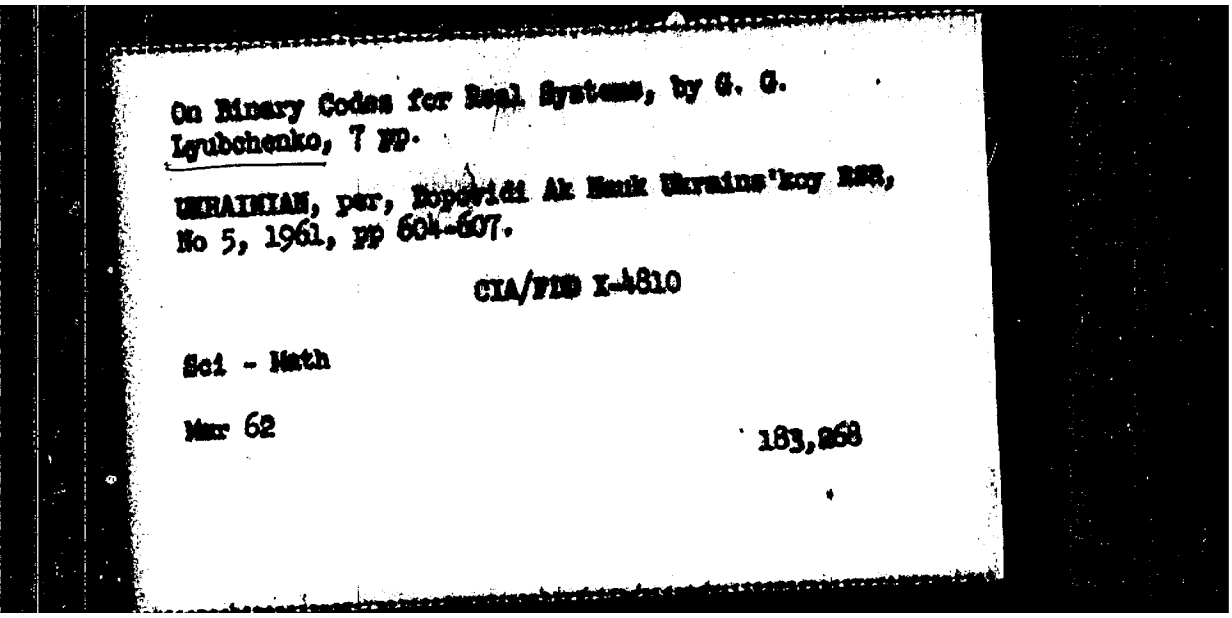

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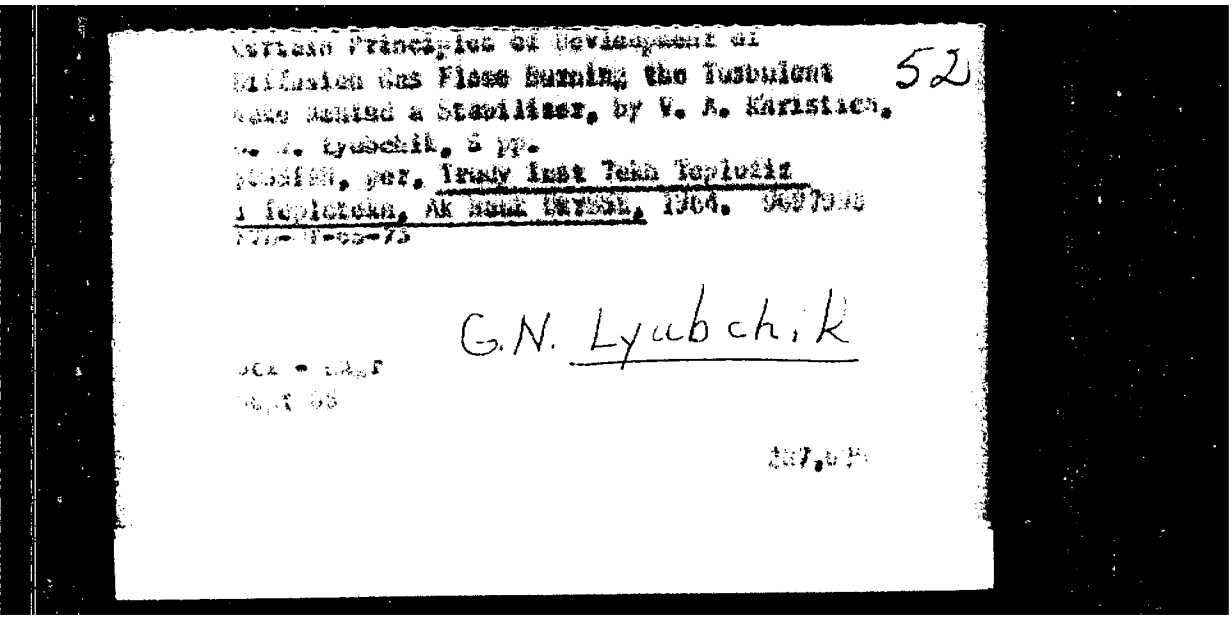

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